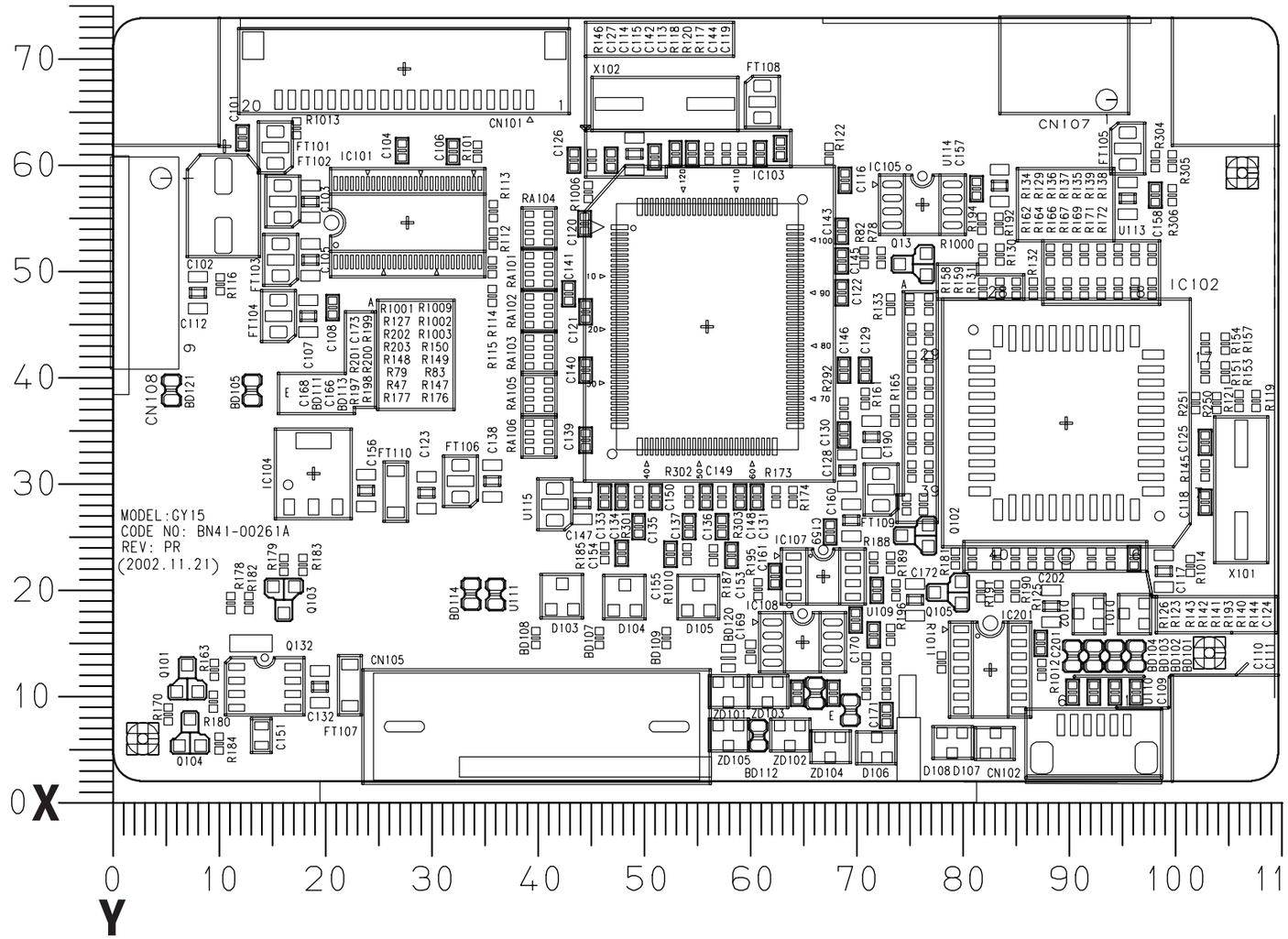
10 PCB Layout

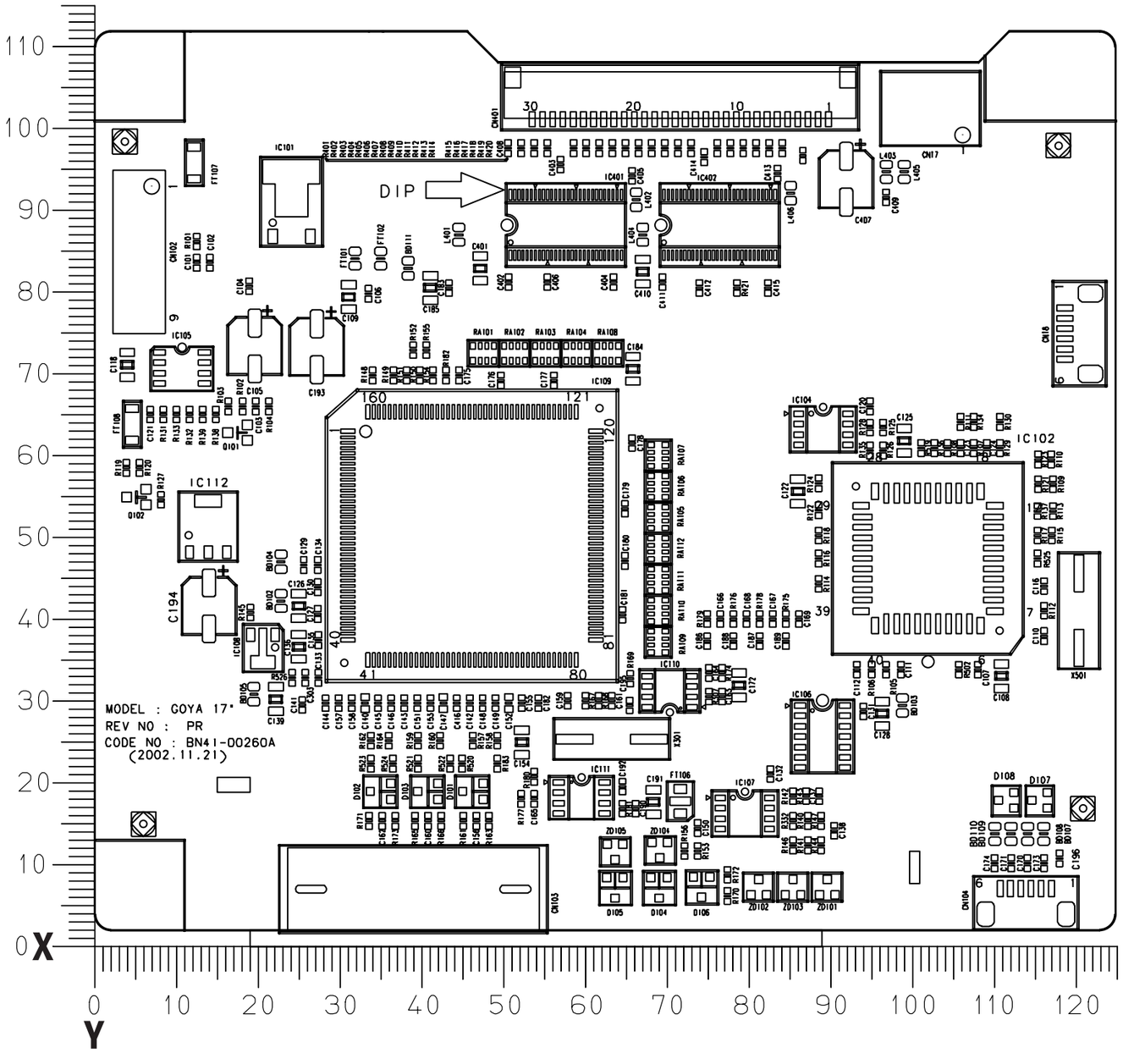
10-1 GY15VS*



Loc. No.	Code No.	Description	Specification	Hor.	Ver.
DIODE					
D101	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	96.4	15.8
D102	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	92.1	15.8
D103	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	42.4	17.4
D104	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	48.3	17.3
D105	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	55.3	17.3
ZD101	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	58.1	8.4
ZD102	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	63.9	4.3
ZD103	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	61.8	8.4
ZD104	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	67.7	3.2
ZD105	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	58.1	4.3
IC					
IC101	1205-001740	IC-TRANSMITTER	DS90C385,TSSOP,56P,240MIL,PLAS	27.8	52.7
IC102	0903-001266	IC-MICRO_PROCESSOR	NT68F63,8BIT,PLCC,44P,653MIL,12MHZ,ST,CMOS,PLASTIC,5V,-0TO+70C,256B,4KB,-,-,MC	90	33.8
IC103	1003-001537	IC-MICRO_PROCESSOR	MST9010,QFP,128P,20X14MM,-,-,TR,PLASTIC,3.3V,-20TO+85C,-,-,-	56.1	42.9
IC104	1203-002450	IC-VOLTAGE REGULATOR	MC33375ST-2.5T3,SOT-223,4P,137	18.9	29
IC105	1103-001023	IC-EPROM	24C08,1028x8BIT,SOP,8P,150MIL,	76.4	54.4
IC201	0803-000117	IC-TTL	74F14,INVERTER,SOP,14P,150MIL,	82.8	10.5
TRANSISTOR					
Q101	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	7	9.7
Q102	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	75.7	23.15
Q103	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	16.1	17.1
Q104	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	7.25	4.6
Q13	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	75.5	48.8
Q132	0505-001170	FET-SILICON	SI9933ADY-T1,P,-20V,3.4A,0.075	14.3	8.85

CONFIDENTIAL

10-2 GY17VS*



Loc. No.	Code No.	Description	Specification	Hor.	Ver.
DIODE					
D101	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	46.3	17
D102	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	35	17
D103	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	40.8	17
D104	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	69.1	5.2
D105	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	63.7	5.2
D106	0401-001056	DIODE-SWITCHING	MMBD4148SE,75V,600mA,SOT-23,TP	74.3	5.3
D107	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	115.7	15.9
D108	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	111.6	15.9
ZD104	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	69.2	9.8
ZD105	0403-000579	DIODE-ZENER	BZX84C5V1,5.1V,5%,200mW,SOT-23	63.7	9.6
IC					
IC101	1203-001293	IC-POSI.FIXED REG.	033,TO-252,3P,6.5MIL,PLASTIC,3	24.1	89.4
IC102	0903-001266	IC-MICROCONTROLLER	NT68F63,8BIT,PLCC,44P,653MIL,1	102	45.5
IC104	1103-001023	IC-EPROM	24C08,1028x8BIT,SOP,8P,150MIL,	89.2	61.3
IC105	0505-001170	FET-SILICON	SI9933ADY-T1,P,-20V,3.4A,0.075	10.7	68.8
IC106	0803-000117	IC-TTL	74F14,INVERTER,SOP,14P,150MIL,	89.1	23.7
IC108	1203-001538	IC-POSI.ADJUST REG.	431,SOT-89,3P,-,PLASTIC,2.47/3	20.6	34.6
IC109	TMP-MVP2	IC,160P,SMD	MASCOTVP2,160P	46.2	48.3
IC110	TMP-P2781	IC	P2781,8P,1.27MM	70.4	29.2
IC112	1203-000490	IC-SWITCH VOL. REG.	1117,SOT-223,3P,-,PLASTIC,3.23	13.9	49.4
IC401	1205-001740	IC-TRANSMITTER	DS90C385,TSSOP,56P,240MIL,PLAS	57.7	86.3
IC402	1205-001740	IC-TRANSMITTER	DS90C385,TSSOP,56P,240MIL,PLAS	76.5	86.3
TRANSISTOR					
Q101	0501-000342	TR-SMALL SIGNAL	KSC1623-Y,NPN,200mW,SOT-23,TP,	17.5	60.9
Q102	0501-002080	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	5.1	53